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Calculation of a Vector Using Its
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A7g 65

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K. S. Rozgachev *3 pp.*

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AEC Tr ~~XXXX~~ 1156

Scientific - Chemistry

also Sci Museum Lib 53/2523

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N. M. Khalatnikov

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Weber-Fechner's Law for Color-Sensitive Receptors of
the Eye, by G. W. Rautian, 8 pp.

Full translation.

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pp 65-68.

CIA/FDD/X-966

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sci - Chem

ABC Tr 1308

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N. Gorokhovskiy, D. K. Balabukha, T. M. Levenberg,
8 pp.

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No 1, USSR, 1951, pp 73-76.

CIA/FDD/X-1146

Lee - Physics

Dec 1953 CTS

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Structure of Iron-Nickel-Aluminum Alloys for
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Scientific + Metallurgy

1384

The Theory of Slow Heterogeneous Reactions in a
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Full translation.

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AEC Tr 1376

Scientific - Physics, Moving liquid

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1951, pp 109-112.

Insdoc T.829
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Scientific - ~~Engineering~~
Minerals/metals

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Hillside Rd.
New Delhi-12, India

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[1963] 7p (figs omitted) 6refs

Order from OTS, SLA, or ETC \$1.10 TT-63-20524

Trans. of [Akademiya Nauk SSSR, Doklady] 1951,
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DESCRIPTORS: X-ray absorption analysis, Atoms,
Energy, *Absorption, Electron transition, Ger-
manium, Gases, Molecules.

(Physics--Spectroscopy, TT, v. 11, no. 3)

TT-63-20524

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III. Narbutt, K. I.

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AEC Tr 1179

Sci - Physics

Also Sci Mus 113/16
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NIL M. 4524

Sci - Phys

Apr 62

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MORPHOUS MODIFICATIONS OF AMMONIUM
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v. 79 [no. 2] p. 257-260.

DESCRIPTORS: *Ammonium radicals, *Nitrates,
Plasticity, Phase studies, Transformations.

(Physics--Solid State, TT, v. 7, no. 9)

62-10474

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Office of Technical Services

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AEC Tr 1514

Scientific - Chemistry, hydrogen, benzoquinhydrone

Brookhaven Nat Lab 24 Mar 1953

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V. S. Kol'tsov, 9 pp.

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Scientific - Minerals/Metals

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Sci Tr Center
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OTS 63-13582

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Scientific - Biology, disease, cotton plants, tanning.

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"The Relation Between the Average and Maximum Velocities
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ST-256

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(FDD 27159)

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RT-742
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Sep 57

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SHH 62-13866

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Mar 60

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Full translation.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, pp 479-482.

AEC Tr 1431

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Scientific - Chemistry, hydrogen

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Mar 67

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CIA/FDD/U-3957

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Sci - Physics

Jan 54

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SLA 60-18029

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AEC Tr 1131

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Sci Mus Lib - 55/1717

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"Concerning the Geometrical Meaning of the Conditions
Governing the Existence of Transverse-Electrical and
Transverse-Magnetic Fields in Curvilinear Coordinate
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11641 ST-256

SR 26 Mar 52

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Spectral Sensitometry of Multilayer Photographic Color
Material, by Yu. M. Gorokhovskiy, O. M. Ponomarenko,
7 pp.

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Sci Tr Ctr RT-3866

Sci - Chemistry
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On Radioautographic Determination of Radio-Isotope
Localisation in Plants, by V. M. Klechkovskiy,
T. P. Evdokimova, UNCLASSIFIED

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pp 629-632.

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RT 2193 20,170
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THE ACTIVITY OF THE POLYPHENOL OXIDASES
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RELATED TO THE RESISTANCE OF THE PLANT
TO THE FUNGUS VERTICILLIUM ALBO-ATRUM.
[1962] [6]p. 1 ref.

Order from OTS or SLA \$1.10

63-13583

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1951,
v. 79, no. 4, p. 637-638.

DESCRIPTORS: *Phenols, *Oxidases, Plants (Botany),
Diseases, Tissues (Biology), *Cotton, *Fungus
infections, Actinomyces, Resistance, Enzymes.

The increase in the content of polyphenols which is
observed simultaneously with activation of the enzymes
catalyzing their oxidation is an example of a defensive
reaction which has been developed and intensified in
(Agriculture--Plant Cultivation, TT, v. 9, no. 12)(over)

63-13583

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III. Translations, New York

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E. A. Krasil'shchikova, 5 pp.

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Sci Tr Center RT-1097

Scientific - Physics

Jul 54 CTS

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Sci- B + 07
Jan 66

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ATIC F-TS-9620/V

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Mar 59

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AEC Tr 2559

Sci - Physics

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Sci Tr Center
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Scientific - Medicine Jan 55 CTS

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Full translation.

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AEC Tr 1170

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Sci - Physics

Apr 52 CTS

The Intermediate State of Superconductors, by E. M.
Lifshits, Yu. V. Sharvin.

Full translation.

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SLA 60-16477
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Sci - Physics

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Apr 52 CTS

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6 pp.

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No 5, 1951, pp 819-821.

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Scientific - Chemistry

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Jan 54 CTS

Bromberg, A.V., Luk'yanovich, V.M., and others.
ELECTRON MICROSCOPIC EXAMINATION OF A
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8 p. 2 refs. MTWL: 560.
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DESCRIPTORS: *Electron microscopy, *Grains,
Solids, Surfaces, Silver.

61-17132

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Office of Technical Services

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Sci - Astron
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Full translation.

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Scientific - Biology

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The Aurorae Around the Sun in Various Rays of the Spectrum, by Ye. V. Pyaskovskaya-Fesenkova, 7 pp.

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ATIC F-TS-9621/V

Sci - Astron
Mar 59

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Scientific - Chemistry

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Full translation.

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Scientific - Chemistry

27 December 1952

Concerning the Reactivity of Free Alkyl
Radicals, by N. N. Tikhomirova,
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AEC Tr 1117

Scientific - Physics

Utilization of Antibiotics in Some Diseases of
Plants, by N. A. Krasil'nikov, R. O. Mirzabekian,
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Full translation.

RUSSIAN, Dokl Ak Nauk SSSR, Vol. ⁷⁹~~78~~, Aug 1951,
pp 1025-1027. ~~511 P444A~~

USDA Tr

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Scientific - Biology

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6 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXI,
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Scientific - Chemistry Aug 53 CTS/DSX

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The Problem of the Temperature of Plant
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Sci - Physics
May 1957 CTS/dax

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An Investigation of the Maximum Heat Flux During
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Sci Trans Center
RT-2691

Scientific - Chemistry
CTS 75/Dec 55

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On the Effect of Angle of Slope on the Temperature
State of the Wall of Steam Generating Tubes at High
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6 pp.

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Sci - Engineering
Index Sep 56 CTS/dex

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REACTIONS OF CARBON TETRACHLORIDE WITH
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AWRE Trans. U. 143; [DSIR LLU] M. 2316.
Order from LC or SLA mi\$1.80, ph\$1.80 61-15459

Trans. of Akademiya Nauk SSSR. Doklady, 1951,
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(Chemistry--Physical, TT, v. 5, no. 12)

61-15459

1. Alcohols--Chemical reactions
2. Carbon tetrachloride--Chemical reactions
- I. Razuvaev, G. A.
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- III. AWRE-U-143
- IV. DSIR LLU M. 2316
- V. Atomic Weapons Research Establishment (Gt. Brit.)

16661.

Office of Technical Services

Increasing the Yields of the Cotton Plant by Bud
Removal and Inhibition of Shoot Growth During the
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USSR

Economic - Agriculture, growth stimulators

Scientific - Biology, growth stimulators, plants

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On the Relationship Between Heat Stability of
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CIA/FDD X-4574

Sci - Biology
Mar 61

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(FDD 13704)

Calculation of steady Two-Dimensional Motion of
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CIA/FDD/U-2788

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Scientific - Geophysics

(FDD 27155)

Radiation Resistance of a Dipole Close to a Highly
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7 pp.

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CIA/FDD/U-7941

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Sci - Electronics Physics

On the Nonlinear Theory of Electron Plasma Oscillations, by A. I. Akhiezer, G. Ya. Lyubarskii.

Full translation.

RUSSIAN, per, Dok Ak. Nauk SSSR, Vol LXXI, No 2, USSR, 1951, pp 193-195.

5-27-2048
AEC Tr 1466

RT-2031

Scientific - Electronics, plasma oscillations

Jan 53 CTS/DEX

Akhiezer, A. I. and Lyubarskii, G. Ya.
THÉORIE NON LINÉAIRE DU PLASMA ÉLECTRO-
NIQUE (K Nelineinaya Teoriya Kolebaniy Elektronnoi Plazmy)
[On a Nonlinear Theory of Oscillations of Electron
Plasma] tr. by [B. I. de Trezvinski. 28 Nov 61 [10]p.
(Russian text included). CEA Trans. no. R 1443 (text in
French).

Order from OTS or SLA \$1.10

62-19010

Trans. in French of Akademiya Nauk SSSR. Doklady
1951, v. 80, no. 2, p. 193-195.

A trans. in English is available from SLA as RT-2031.

DESCRIPTORS: *Nonlinear systems, Equations,
Plasma oscillations, Electrons, *Plasma physics.

(Physics--Theoretical, TT, v. 8, no. 3)

62-19010

I. Akhiezer, A. I.
II. Lyubarskii, G. Ya.
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Kondorskif, E.
THE THEORY OF COERCIVITY AND THE MAGNETIC SUSCEPTIBILITY OF FERRO-MAGNETIC POWDERS (DEPENDENCE ON PACKING DENSITY). 6 p.
6 refs. MTWL: 561
Order from OTS or ETC \$1.55

61-17113

Trans. of Akademiya Nauk SSSR. Doklady, 1951,
v. 80, no. 2, p. 197-200.

DESCRIPTORS: *Ferromagnetic Materials, Powder
Metallurgy, Magnetic Susceptibility, Theory.

61-17113

- I. Kondorskif, E.
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May 58

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economic - Agriculture, herbicides
scientific - Biology, herbicides

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Scientific - URGENTURY apr 77 UTS

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